

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A driver circuit for a display device comprising: means for storing a basic setting of an adjustable characteristic of the driver circuit; characterized in that the driver circuit includes means for storing a correction factor to correct the basic setting of the adjustable characteristic of the driver circuit, and in that the driver circuit is operative to adjust the adjustable characteristic by modifying the value of the basic setting by the value of the correction factor.
2. (previously presented) A driver circuit as claimed in claim 1, characterized in that the means for storing a correction factor to correct the basic setting of the adjustable driver characteristic is accessible.
3. (previously presented) A driver circuit as claimed in claim 1, characterized in that the means for storing the basic setting of an adjustable driver characteristic is of the PROM type.
4. (previously presented) A driver circuit as claimed in claim 1, characterized in that the correction factor which enables the driver circuit to correct the basic setting of the adjustable characteristic of the driver circuit has a substantially smaller adjustment range than the basic setting of the adjustable characteristic of the driver circuit.
5. (previously presented) A display module comprising: the driver circuit as claimed in claim 1, and a particular display device connected to the driver circuit, characterized in that the correction factor in the means for storing a correction factor is based on an individual property of the particular display device.

Page 2 - RESPONSE TO OFFICE ACTION DATED MARCH 1, 2005
Serial No. 09/834,826

6. (previously presented) A method of adjusting an individual property of a display module containing a display device and a driver circuit connected to this display device, characterized in that the method includes the following steps:

 determining a basic setting based on expected characteristics of the display device and characteristics of the driver circuit,

 storing the determined basic setting to be used by the driver circuit,

 determining a correction factor to the basic setting based on the actual characteristic of the display device and the characteristics of the driver circuit when the basic setting is used, storing the correction factor to be used by the driver circuit, and

 adjusting the driver circuit by modifying the value of the stored basic setting by the value of the stored correction factor thereby to adjust the display module.

7. (cancelled).

8. (previously presented) A method as claimed in claim 6 further comprising:

 determining the ambient temperature in which the display module is operated, and

wherein

 the driver circuit is adjusted based upon the stored basic setting, the stored correction factor and the determined ambient temperature.

9. (previously presented) A driver circuit as claimed in claim 1 further comprising:

 means for deriving a temperature correction factor determined by the ambient temperature in which the display device is operated, and

means for generating a drive signal for the display device in response to the adjustable characteristic which simultaneously is based upon the stored basic setting, the stored correction factor and the temperature correction factor.

10. (previously presented) A driver circuit for a display device comprising:

means for storing a basic setting of an adjustable characteristic of the driver circuit,
means for storing a correction factor to correct the basic setting of the adjustable characteristic of the driver circuit, and
means for generating a drive signal for the display device that is determined by the value of the stored basic setting as modified by the value of the stored correction factor.

11. (previously presented) A driver circuit as claimed in claim 10 further comprising means for deriving the correction factor by a calibration operation based upon measurement of the optical quality of the display device.

12. (previously presented) A driver circuit as claimed in claim 10 wherein the basic setting is based upon at least one of, the spread in the manufacturing process of the driver circuit, and a typical temperature dependence of a typical display device.

13. (previously presented) A driver circuit as claimed in claim 10 wherein the correction factor is based upon a particular model of display devices, all of which are then operable with the driver circuit and without adjustment of the contrast of the display device by a user thereof.

14. (cancelled).

15. (cancelled).

16. (previously presented) A method as claimed in claim 6 wherein the stored correction factor is derived by a calibration procedure based upon measuring the optical quality of the display module.

17. (previously presented) A method as claimed in claim 6 which further comprises:
deriving an output signal of the driver circuit based upon both the stored basic setting and the stored correction factor.

18. (previously presented) A display module comprising:

a display device; and
a driver device in communication with the display device, the driver device in communication with a first memory and a second memory, the first memory adapted for storing a basic setting of an adjustable characteristic of the driver circuit, the second memory adapted for storing a correction factor adapted to correct the basic setting, the driver circuit is operative to adjust the adjustable characteristic by modifying the value of the basic setting by the value of the correction factor.

19. (previously presented) The display module of claim 18, the device driver further comprising:
a waveform generation unit in communication with the display device;
a waveform parameter unit in communication with the waveform generation unit adapted to supply a waveform parameter to the waveform generation unit, the waveform parameter unit in communication with the waveform generation unit; and

a temperature correction means in communication with the waveform parameter unit, the temperature correction means adapted to receive temperature information of the environment, the temperature correction means adapted to receive parameters from the first and second memories, the waveform parameter determined based on the basic setting, the correction factor and the temperature information

20. (New) A driver circuit as claimed in claim 10 wherein the basic setting is based upon the spread in the manufacturing process of the driver circuit.